

PISCES V DIVE REPORT

Pilot T. Kerby Wt. \_\_\_\_\_ Dive Number 153  
 Observer G. McMurtry Wt. \_\_\_\_\_ Date Sept. 29, 1990  
 Observer Title/Affil. U of H

Observer Peter Stauffer Wt. \_\_\_\_\_  
 Observer Title/Affil. \_\_\_\_\_  
German Science Institute

Dive Location Loihi Seamount, Peles Vents Time of Dive 1345  
 Lat. 18°54.5'N Long. 155°15.6'W Time of Surface 1900  
 Time Submerged 5:15

Purpose: Research Training Demo Time Thru Last Dive 793:40  
 Other \_\_\_\_\_ Total Time to Dive 798:55  
 Dive Depth 1075m 3526'

Special Equip.: \_\_\_\_\_ Water Depth 1075m  
 Camera (type) Osprey Water Temp. \_\_\_\_\_  
 Manipulator HYCO Visibility \_\_\_\_\_

Other 4 Ti. Samplers 2 GAWs Samplers 2 ABT # at Neutral \_\_\_\_\_  
Niskin Bottles, 3 Butterfly Samplers, 1 Thermister Captain R. Barnes  
 Support Vessel R/V Kila

Dive Results/Remarks: Air in hydraulic lines delays launch. Seas marginal.  
Launch at 1345. Go down heavy. Sonar not working. 1433 On the bottom  
on steep rock cliff at 1075m. Move up slope to the N.E. 1512. At Peles  
vents. Land in front of bottom station. Begin taking samples.  
Move to other vent areas. Recover GAWs samplers left on the bottom  
from the last dive. Leave the bottom at 1720. On the surface at 1820.  
Darkness has set in. Make a night recovery.

Equipment Deficiencies: Osprey camera not working. Sonar not working  
Seawater in hydraulics

Pilot T. Kerby Date 9/22/90  
 Ops. Mgr T. Kerby Date 9/24/90